

Abstract

A method for increasing caliper control of a fibrous web as the web is wound onto a roll is provided. The method includes winding the fibrous web containing cellulosic fiber onto the roll to form a wound product and conveying the web through a nip prior to winding the web onto the roll. The nip is configured to apply a pressure to the web to selectively decrease the caliper of the web as the web is wound onto the roll. Also disclosed is a system for controlling the caliper of the fibrous web in which a calender device forms a nip through which the fibrous web is conveyed. The system includes an adjustment device, which is configured to adjust the nip of the calender device to increase pressure on the fibrous web as the diameter of the roll increases thus increasing uniformity of the caliper of the fibrous web.